BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Providing Solid Waste Management works ward No.8

Job Code:- 008-18-000046

Estimate Cost: 25.00 Lakhs

Sl.No	Description of Work	Unit	No	Length	Bredth	Depth	Qty.	Rate	Amount
				m	m	m			
1	Supplying ,installation ,Commissioning and Testing CP PLUS 3 MP , 50 meters ip bullet camera,1/3" 3MP PS CMOS Image Sensor,Max 25fps@3MP, 25/30fps@1080P,H.264, H.264H, H.264B , MJPEG dual-codec encoding,DWDR, Day/Night(ICR), 3DNR, ROI, AWB, AGC, BLC, HLC,3.6mm fixed lens (6mm optional),IR Range of 50 Mtrs, IP67, SD Card, PoE,Mobile Software: iCMOB, gCMOB,CMS Software: KVMS Pro, vOptimus Pro inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	22160.00							
		Nos	20				20.00		
							20.00	22160.00	**443200.00**
2	Supplying ,installation ,Commissioning and Testing CP PLUS 32 Ch. H.265 4K Network Video Recorder Up to 32 channel IP camera input H.265/H.264 dual codec decoding Up to 8Mp resolution preview and playback Max 200Mbps incoming bandwidth Support 4 SATA HDDs up to 24TB, 2 USB(1 USB3.0) HDMI / VGA simultaneous video output Support Multi-brand network cameras ONVIF Version 2.4 conformance Mobile Software: iCMOB, gCMOB inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	65892.00							
		Nos	1				1.00		
							1.00	65892.00	**65892.00**
3	Supplying ,installation ,Commissioning and Testing Netgear ReadyNAS 4-Bay Diskless Network Attached Storage for Personal Cloud by Netgear inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	256420.00							
		Nos							
			1				1.00		
							1.00	256420.00	**256420.00**
4	Providing and Supplying NAS hard disk drives 6 TB inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	23850.00							
		Nos	4				4.00		
							4.00	23850.00	**95400.00**
5	Supplying ,installation ,Commissioning and Testing D-Link 8-Port Gigabit Switch With 2 Combo SFP Ports inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	27500.00							
		Nos	3				3.00		
							3.00	27500.00	**82500.00**
6	Providing and Fixing Media converter Giga Dlink inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	11200.00							
		Nos	2				2.00		
							2.00	11200.00	**22400.00**
7	Providing and Fixing OFC cable single mode 6 core inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	165.00							
		Nos	4100				4100.00		
							4100.00	165.00	**676500.00**
8	Providing and Fixing Electrical work for boxes for power supply, fixing PVC Boards with three pin socktes and switches with protection MCB and cabling to street light electrical poles as per the direction of Engineer in Charge								
	Approved Data Rate	7500.00							
		Nos	1				1.00		
							1.00	7500.00	**7500.00**
9	Providing Cctv MS poles with camera fixing brackets, 5 to 6 mtr height Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	23500.00							
		Nos	8				8.00		
							8.00	23500.00	**188000.00**
10	Providing and Fixing MS Boxes for Poles with rust proof powder coating Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	8500.00							

		Nos	8				8.00		
							8.00	8500.00	68000.00
	Providing and Fixing Electrical work for boxes for power supply, fixing PVC Boards with three pin socktes and switches with protection MCB and cabling to street light electrical poles as per the direction of Engineer in Charge								
	Approved Data Rate	7500.00							
		Nos	8				8.00		
							8.00	7500.00	60000.00
12	Providing Internet charges connecting CCTV with IP Based for one month								
	Approved Data Rate	3000.00							
		Nos	8				8.00		
							8.00	3000.00	24000.00
13	Supplying ,installation ,Commissioning and Testing of 43" LED TV – Reputed make Sony/Samsung/LG inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	44000.00							
		Nos	2				2.00		
							2.00	44000.00	88000.00
14	Supplying ,installation ,Commissioning and Testing Server rack 15u Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	34500.00							
		Nos	2				2.00		
15							2.00	34500.00	69000.00
							Total Construction Cost		2146812.00
16							4% KRDIL Charges		85872.48
								12% GST	257617.44
								Sub Total	2490301.92
							Miscellaneous and rounding off		9698.08
								Total	2500000.00

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per Approved Rates.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

Administrative Approval
Accorded For Rs 25 'w laechemly
Head of A/C P3298
CER NO 115/18-19 08.01.2019

TA CE (YNK)

Technical Sanction
Accorded For Rs 25 'w laechemly
Head of A/C P3298
CER NO 202/18-19 08.01.2019

TA CE (YNK)